

87 (11/11/1982) W.
LEGZYSKI, S., prof. dr.; STASIEWICZ, W., dr.

Role of analytic- bacteriologic laboratory in physician's work in rural areas. Zdrowie pub., Warsz. no.5:395-399 Sept-Oct 54.

1. Z Zakladu Mikrobiologii Leczarskiej A.M. Bialystok.
(LABORATORIES, MEDICAL,
bacteriol., role in physician's work in rural areas)
(PHYSICIANS,
rural, importance of bacteriol. laboratory)

PASICH, Jan; STASIEWSKA, Krystyna; SZCZESNIEWSKA, Bogumila

Labeling of bismuth, zink and boric acid in suppositories. Farmacja
Pol 16 no.23:508-509 D '61.

1. Laboratorium Badawcze, Poznaskie Zaklady Farmaceutyczne Chirurgofil,
Poznan,

PASICH, J.; STASIEWSKA, K.

A simple method for the determination of hydroxyzine, diprophyline, chlorpromazine and ethionamide in suppositories by a gravimetric method. Acta pol. pharm. 19 no.2:181-182 '62.

(SUPPOSITORIES chem)

(HYDROXYZINE chem)

(CHLORPROMAZINE chem)

(ANTITUBERCULAR AGENTS chem)

PASICH, J.; STASIEWSKA, K.; SZCZESNIEWSKA, B.

Influence of antioxidants upon the change of color of some
suppositories. *Farmacja Pol* 18 no.14:331-333 25 JI '62.

1. Laboratorium Badawcze Poznanskich Zakladow Farmaceutycznych Polfa,
Poznan Dyrektor Zakladu: mgr. L.Pawelczyk.

*

ZANSKI, Jerzy; STASIK, Mirosław

Preventive vaccination against influenza in Lodz during 1954-55.
Przegl. epidem., Warsz. 10 no.2:117-120 1956.

1. Z Miejskiej Stacji Sanitarno-Epidemiologicznej w Lodzi.
(INFLUENZA, prevention and control,
vacc. in Poland (Pol))

BOCIAN, Jerzy; PRAZANOWSKI, Miroslaw; WAWRZYNSKA, Jadwiga; STASIK, Miroslaw

A case of discastlosis with symptoms of Addison-Biermer's anemia
in lambliasis. Wiad. parazyt. 7 no.3:579-585 '61.
(LAMBLIASIS diag) (ANEMIA PERNICIOUS diag)

STASIK, Mirosław; WIERZBOWSKA, Alina

A case of paroxysmal nocturnal hemoglobinuria. Pol. arch. med. wewnet. 35 no.4:577-580 '65.

1. Z Działu Klinicznego Instytutu Medycyny Pracy w Łodzi (Kierownik: dr. med. E. Kieć) i z Zakładu Diagnostyki Laboratoryjnej przy III Katedrze Chorob Wewnętrznych AM w Łodzi (Kierownik: doc. dr. med. A. Wierzbowska).

STASIKIV, Ya. T.

112-3-5237

Translation from: Referativnyy Zhurnal, Elektrotehnika, 1957, Nr 3,
p. 24 (USSR)

AUTHOR: Petrenko, S.I., and Stasikiv, Ya.T.

TITLE: Furnace Operating Temperature With Various Fuels and
Boiler Loads (Temperaturnyy rezhim topki pri razlichnykh
toplivakh i nagruzkakh kotla)

PERIODICAL: Nauch. zap. L'vovsk. politekhn. in-ta, 1955, Nr 32,
pp. 54-64

ABSTRACT: A change in boiler load causes a change in the operating
temperature of the furnace and other boiler gas ducts,
depending upon the fuel used and the magnitude of load
change. An analytical investigation of this relationship
is presented for the furnace of boiler type Δ KB, which
has a steam capacity of 6500 kg/hour, with parameters of
13 atmospheres, absolute, and 350°. The fuels studied
were Don long-flame coal, brown coal from the Moscow

Card 1/2

112-3-5238

Translation from: Referativnyy Zhurnal, Elektrotehnika, 1957, Nr 3,
p. 24 (USSR)

AUTHOR: Stasikiv, Ya. T.

TITLE: Temperature of Flue Gases and Heat Transfer of Boiler
Convection Currents Under Various Loads (Temperatura
dymovykh gazov i teploperedacha konvektivnykh puchkov
kotla pri razlichnykh yego nagruzkakh)

PERIODICAL: Nauch. zap. L'vovsk. politekhn. in-ta, 1955, Nr 32,
pp. 65-81

ABSTRACT: The dependence of temperature distribution and heat
transfer in boiler gas ducts upon fuel expenditure is of
great importance in the study of intermittent boiler
operation. An investigation of such a relationship for
the heating process is reported in abstract 5246. De-
scribed below is an analytical investigation of this re-
lationship for the convective gas ducts of the KB
boiler, which has a capacity of 6,500 kg/hour, with steam

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112-3-5238

Temperature of Flue Gases and Heat Transfer of Boiler Convection Currents Under Various Loads (Cont.)

parameters of 13 atmospheres, absolute, and 350°. Computations are performed for the *APM* brand of anthracite, lean Don coal, long-flamed Don coal, run-of-mine coal from the Moscow region, lump peat, fuel oil (mazut), Dashava natural gas and blast-furnace gas. Computations were performed for all the fuels for the following temperatures: end of heating process, 1,100°; at superheater input, 750°; flue gases, 180°; feed water, 50°; hot air (for coal from the Moscow region, peat and blast-furnace gas), 150°. On the basis of computations, the following quantities are plotted as functions of fuel expenditure: a) temperature of flue gases in the gas ducts; b) average temperature pressure on portions of the boiler heating surface; c) coefficient of heat transfer of individual heating surfaces; d) heat stress of the heating surface; e) relative steam-producing capacity of individual portions of the evaporation surfaces.

A.A.D.

ASSOCIATION: L'vov Polytechnical Institute (L'vovsk. politekhn. in-t)

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66171

SOV/143-59-9-14/22

8(8) 24.5200
AUTHOR:

Stasikiv, Ya. T., Engineer

TITLE:

The Diagram of the Total Heat Exchange Function of a Flat Wall for Unsteady Operation in the Area of Small Fourier Criterion Values

PERIODICAL:

Izvestiya vysshikh uchebnykh zavedeniy, Energetika, 1959, Nr 9, pp 79-81 (USSR)

ABSTRACT:

The author calculated and plotted a diagram for the function $M_0 = f(Bi, Fo)$ for a flat wall and Fourier numbers 0.0001, 0.0002, 0.0003, 0.0004, 0.0005, 0.0006, 0.0008, 0.001, 0.002, 0.003, 0.004, 0.005, 0.006, 0.008, 0.01, 0.02, 0.03, 0.04, 0.05, 0.06, 0.08, 0.1, 0.2, 0.3, 0.4, 0.5, 0.6, and 0.8, and for Bio numbers 1, 2, 5, 10, 20, 50, 100, 200 and ∞ . The graph was plotted according to the formula

$$M_0 = \sum_{k=1}^{\infty} \frac{2Bi^2}{\sigma_k^2(\sigma_k^2 + Bi + Bi^2)} \left(1 - e^{-\sigma_k^2 Fo} \right)$$

Card

Card 1/2

The author states that the available manuals on heat transfer

PETRENKO, S.I., kand.tekhn.nauk,dots; STASIKIV, Ya.^T, inzh.

Calculation of the heat ray absorbing surface of a boiler.
Izv. vys. ucheb. zav.; energ. 4 no.2:75-78 P '61. (MIRA 14:3)

1. L'vovskiy politekhnicheskoy institut. Predstavlena kafedroy
termodinamiki i teplotekhniki.
(Boilers)

STASIKOWSKI, H.

Bauxite or Polish loams... Przegl techn no.10:6,11 '62.

STASIKOWSKI, H.

Bauxite or Polish indigenous clays? Przegl techn no.10:6,11 11 Mr '62.

STASIKOWSKI, Henryk

Social activities of the technical staff. Przegl techn
no.15:8 Ap '62.

STASIKOWSKI, Henryk

Do not get frightened by the Promethean vulture; the problem
of technological information. Przegl techn no.18:7 6 My '62.

STASIKOWSKI, H.

On cooperation of technological organizations of allied nations; an interview with W. Obolewicz, Secretary General of the Chief Technical Organization. Przegl techn no.21: 1,3 27 My '62.

STASIKOWSKI, H.

One hundred novelties of Polish chemistry. Przegl technc. 23/24:4, 19
17 Je '62.

STASIKOWSKI, Henryk

The last "poker" in the town of Konin; on the origin of the lignite
mines most recently put into operation. Przegl techn no. 28:6
15 J1 '62.

GAJEWSKI, Dionizy; STASIKOWSKI, Henryk

Coordination of scientific and technological work, fundamental for the development of science and technology; an interview with K.M.Rudniew [K.M.Rudnev], Deputy Premier of the U.S.S.R. Przegł techn no.31:1, 3 5 Ag '62.

STASIKOWSKI, H.

The great chance for the rationalization movement; the national conference on problems of rationalization and inventiveness has confronted a wide gamut of opinion on legislation concerning inventions. Przegl techn no.39:6 30 S '62.

STASIKOWSKI, Henryk

Constitution of rationalizer brigades has been enforced. Przegl
techn 84 no.27:1 7 JI '63.

STASIKOWSKI, H.

Export, a magic word. Przegl techn [84] no.7:12 17 F '63.

STASIKOWSKI, Henryk, mgr

Background of the origin of the perfect milling machine. Przegl
techn [84] no.9:7 3 Mr '63.

STASIKOWSKI, Henryk

The Polish Siemens needs a protector. Przegl techn [84] no.11:6
17 Mr '63.

STASIKOWSKI, H.

Do you use the new AZ-5 aluminum-iron alloy? Przegl techn 84 no.14:
5 7 Ap '63.

STASIKOWSKI, Henryk, mgr

Geologists from Krakow in the Olkusz mines and in Sumatra. Przegl
techn 84 no.18:7 5 My '63.

STASIKOWSKI, H.

Modern heavy machinery. Przegl mech 22 no.11:329-331 10 Je '63.

STASIKOWSKI, II.

Accuracy and precision as a basic condition for high quality
measuring instruments. Przegl mech 22 no.11:349-350 10 Je '63.

STASIKOWSKI, Henryk

Third stage of the electric power plant in Konin. Przegl
techn 84 no. 36:6, 8 S '63.

STASIKOWSKI, Henryk

Steel lining after three years; wood goes out of the picture.
Przegl techn. 84 no. 32: 5 11 Ag '63.

STASIKOWSKI, H.

During ten months of one year. Przegl techn 84 no.33:6
18 Ag '63.

STASIKOWSKI, H.

Origin of factory plans of technical progress; 60 bright points.
Przepl techn 84 no.45:7 10 N '63.

STASIŃKOWSKI, H.

No spots on lacquer. Przegl techn 84 no.50:6, 10 15 D '63.

STASIKOWSKI, Henryk

Pafawag's factory plan of engineering; manager, committee for
technical progress and others. Przegl techn 85 no.1:6 5 Ja '64.

STASIKOWSKI, H.

The need of effectively working invention services, interview
with [mgr inz.] Ignacy Czervinski, Vice President of the
Executive Board of the Central Technical Organization.
Przegl techn 86 no.6:1,3 7 P '65.

STASIKOWSKI, Henryk

Prospects of the Gliwice Technical University; an interview with
Professor [dr inż.] Tadeusz Laskowski, Rector of the School.
Przegl techn 86 no.18:6,10 2 My '65.

STASIKOWSKI, Henryk

Two evenings at the Nitrogen Works in Kedzierzyn. Przegl
techn 86 no.7:7, 8 14 F '65.

STASIKOWSKI, H.

Closer relations of university and industry; interview with
Professor Zygmunt Szparkowski, Rector of Wroclaw Technical
University. Przegl techn 86 no.10:7 7 Mr '65.

STASIKOWSKI, Henryk

Creative collaboration between the Polish Academy of Sciences
and the Academy of Sciences of the U.S.S.R.; interview with
Professor I. Malecki. Przegl techn 86 no.15:3 11 Ap '65.

STASIKOMSKI, Henryk

Three times "Z"; the Laboratory for Transportation Equipment of
the Institute of Industrial Patterns. Przegl techn 86 no.23/24:
14 6-13 Je '65.

STASIKOWSKI, Henryk

Coal obtained through pipelines. Przegl techn 86 no.21:4 23 My '65.

CHYCKI, Andrzej, inż.; LASKOWSKI, Władysław;; FOWA, Zbigniew, mgr inż.;
KOSCIENIAK, Adam, mgr inż.; MALINOWSKI, Kazimierz, mgr inż.;
CYGAN, Ryszard, mgr inż.; DMITRENKO, Stefan, mgr inż.; LASKOWSKI,
Władysław, mgr inż.; BRONIKOWSKI, Adam; STASIKOWSKI, Henryk

Is the profession of a graduate engineer a creative one? Przegl
techn 86 no.10:546. 18 Ap '65

STASILEVICH Z.K.

MAR, G.I.; STASILEVICH, Z.K.; LOBOVA, Z.A.

Discussion on N.V. Budylin's article "Effect of the central nervous system on formation of immune bodies." Zhur. mikrobiol. epid. i immun. no. 8:95-97 Ag '54. (MLRA 7:9)

1. Iz Karagandinskogo meditsinskogo instituta.
(ANTIGENS AND ANTIBODIES,
pred., regulation by CNS)
(CENTRAL NERVOUS SYSTEM, physiology,
regulation of antigens & antibodies prod.)

RYAZANTSEVA, N.Ye.; STASILEVICH, Z.K.

Experimental measles in kittens. Vop.virus. 1 no.1:26-30 Ja-P '56.
(MLRA 10:1)

1. Laboratoriya kori Instituta virusologii imeni D.I.Ivanovskogo
AMN SSSR i Mediko-biologicheskoy stantsii AMN SSSR.
(MEASLES, experimental,
in cats (Rus))

STASILEVICH, Z.K

USSR / Microbiology. General Microbiology. Geological F
Activity.

Abs Jour : Ref Zhur - Biologiya, No 6, 1959, No. 23964

Author : Mar, G. I.; Stasilevich, Z. K.

Inst : Karaganda Medical Institute

Title : Microbiological Characteristics of Mud from
Lake Karasor

Orig Pub : Tr. Karanadinsk. med. in-ta, 1957, 1, No 8,
527-528

Abstract : No abstract given

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USSR/Microbiology - Microbes Pathogenic for Man and Animals. F
Bacteria. Bacteria of the Intestinal Group.

Abs Jour : Ref Zhur Biol., No 22, 1958, 99378
Author : Mar, G.I., Stasilevich, Z.K., Gruntfest, M.Yu., Gol'-
dberg, R.S.
Inst : Karaganda Medical Institute
Title : On the Problem of the Etiology and Epidemiology of
Bacillary Dysentery in the Town of Karagand
Orig Pub : Tr. Karagandinsk. med. in-ta, 1957, 1, No 8, 538-541
Abstract : No abstract.

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- 64 -

STASILEVICH, Z. K.

"On the Problem of the State of Immunity during the Disease, Stimulating
the Pathogenic Stem B coli, Communication 1"
p. 155.

in book publ. by Inst. Experimental Pathology and Therapy, Acad. Medical
Sci. USSR, Problems of Infectious Pathology in Minkey Experiments, Editor,
B. A. Lapin (Cand. Medical Sci.) Sukhumi, 1958.

STASILEVICH, Z. K.

"Experimental Reproduction of the Salmonella Infection Heidelberg"
p. 173

in book publ. by Inst. Experimental Pathology and Therapy, Acad. Medical
Sci. USSR, Problems of Infectious Pathology in Monkey Experiments, Editor,
B. A. Lapin (Cand. Medical Sci.) Sukhumi, 1958.

STASILEVICH, Z.K.

Experimental Salmonella infections in monkeys. Zhur.mikrobiol.
epid.i immun. 32 no.2:70-74 F '61. (MIRA 14:6)

1. Iz Instituta eksperimental'noy patologii i terapii AMN SSSR.
(SALMONELLA INFECTIONS)

27.1220

39194
S/241/62/007/005/005/005
1015/1215

AUTHOR: Stasilevich, Z. K. (Sukhumi)

TITLE: Effect of X-irradiation on the duration of the carrier stage of Salmonella enteritidis
Caertneri in rats

PERIODICAL: Meditsinskaya radiologiya, v.7, no. 5, 1962, 82-83

TEXT: The cultures of S. enteritidis Caertneri, type D were isolated from monkeys and transferred to rats. X-irradiation of the latter was performed at various times before or after the transfer, and the effect of irradiation on the carrier stage examined. One hundred rats were used in this experiment. The methods, dosage and timing described for the experiments have shown that irradiation of 300 r brings about a prolongation of the carrier stage of S. enteritidis and they confirm the data in literature about the alteration of immunological properties of the organism following irradiation. There is 1 table.

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LAPIN, B.A.; STASILEVICH, Z.K.

Effect of ionizing radiations on the course of infection and the
state of immunity in experimental measles in monkeys. Med.rad.
7 no.7:62-67 J1 '62. (MIRA 15:11)

1. Iz laboratorii patologicheskoy anatomii (zav. - doktor med.
nauk B.A. Lapin) Instituta eksperimental'noy patologii i
terapii AMN SSSR.
(MEASLES) (IMMUNITY) (~~RADIATION~~—PHYSIOLOGICAL EFFECT)

PETROV, V.I.; GOELEVSKAYA, M.V.; SYRKASHEVA, A.V.; RAYKHSHTAT, G.N.;
SHAPIRO, A.A.; BERLOVICH, E.A.; KARASEVA, M.F.; RYUMINA, M.G.
LEYKINA, R.S.; BROKER, T.N.; GITARIN, D.Yu.; MOSKOVENKO, D.F.;
STASILEVICH, Z.K.; REUT, A.I., ALIYEVA, S.G.

Annotations. Zhur. mikrobiol., epid. i immun. 40 no.2:109-112
F '63. (MIRA 17:2)

1. Iz Dnepropetrovskoy gorodskoy sanitarno-epidemiologicheskoy
stantsii (for Petrov). 2. Iz Saratovskogo meditsinskogo instituta
i Saratovskoy gorodskoy sanitarno epidemiologicheskoy stantsii
(for Godlevskaya, Syrkasheva). 3. Iz sanitarno-epidemiologicheskoy
stantsii Sverdlovskogo rayona Moskovy (for Raykhshtat, Shapiro, Berlovich,
Karaseva, Ryumina, Leykina, Broker). 4. Iz Instituta eksperimental'noy
patologii i terapii AMN SSSR (for Stasilevich). 5. Iz Belorusskogo
sanutarni-gigiyenicheskogo instituta (for Reut). 6. Iz Uzbekskogo
nauchno-issledovatel'skogo kozhno-venerologicheskogo instituta
(for Aliyeva).

STASILEVICH, Z.K.

Course of acute intestinal infections in monkeys under the
effect of ionizing radiation. Med. rad. 8 no.4:53-57 Ap'63
(MIRA 17:2)

1. Iz laboratorii infektsionnoy patologii Instituta eksperimental'-
noy patologii i terapii AMN SSSR (nauchnyy rukovoditel' - deyst-
vitel'nyy chlen AMN SSSR prof. V.L. Troitskiy [deceased]).

DZHIKIDZE, E.K.; AKSENOVA, A.S.; STASILEVICH, Z.K.

Active immunity against gas gangrene in monkeys under conditions of acute radiation sickness. Zh. mikrobiol. 40 no.7: 68-72 J1'63 (MIRA 17:1)

1. Iz Instituta eksperimental'noy patologii i terapii AMN SSSR.

L 26114-66 EWT(1)/T JK

ACC NR: AP6015387

SOURCE CODE: UR/0248/65/000/011/0038/0050

AUTHOR: Dzhikidze, E. K.; Stasilavich, Z. K.; Pekerman, S. M.; Kavtaradze, K. N. 23
B

ORG: Institute of Experimental Pathology and Therapy AMN SSSR, Sukhumi (Institut eksperimental'noy patologii i terapii AMN SSSR)

TITLE: Simulation of human intestinal infections in experiments with different animals

SOURCE: AMN SSSR. Vestnik, no. 11, 1965, 38-50

TOPIC TAGS: intestinal disease, human ailment, animal disease

ABSTRACT: The article reports on the simulation of dysentery and salmonellosis and Escherichia coli infections in various animals and is based on literature and original research on monkeys. Spontaneous and experimental dysentery in new and acclimatized monkeys closely approximates the 3 etiological variants (Flexner, Soane and Newcastle) of human dysentery in respect to clinical and carrier forms and agglutination titers. However, in the animals the diseases were more serious (30-60% deaths) and had higher localization in the intestine. Experimental Salmonella infection in monkeys produced essentially the same clinical picture with a latency of 2-3 days, fever, diarrhea, frequent bacteremia and other typical signs of

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UDC: 616.34-022-092.9

L 26114-66

ACC NR: AP6015387

typhoid disease. Virulence declined in the following order: S. enteritidis, typhimurum, stanley and heidelberg. While in humans these infections cause so-called food poisoning, in monkeys they resemble typhoid-like salmonella infections in children. S. paratyphi B are rarely isolated under natural conditions, but this infection was reproduced in over 50% of the experimental monkeys in a form resembling human paratyphoid. One hundred percent could be infected by increasing the sensitivity of the monkeys through vitamin C deficiency or radiation disease. Typhus abdominalis can be reproduced in the chimpanzee but differs from the human disease by a shorter incubation and a milder course. In tests on rhesus monkeys, no clinically pronounced intestinal forms were seen but 15 out of 51 had a specific kind of pneumonia. E. coli infection led to a benign intestinal dysfunction and had a tendency to occur again in infant monkeys. Serious coli infection could also be produced in monkeys by inducing a vitamin C deficiency or radiation disease. It is concluded that the results justify the use of monkeys for modeling intestinal infections. Orig. art. has: 1 table.

SUB CODE: 06 / SUBM DATE: 13Jul65 / ORIG REF: 055 / OTH REF: 041

Card 2/2 C.C.

1.2300 2708.1573

S/125/60/000/009/011/017
A161/A130

AUTHORS: Telezhnikov, Ye.F., Stasilovich, P.A.

TITLE: Thin-Wall Vessels Welded Automatically

PERIODICAL: Avtomaticheskaya svarka, 1960, No. 9, pp. 65-70

TEXT: Detailed description is given of special welding devices, 600-1000 mm in diameter and up to 10 m length, designed by the authors for welding thin-wall mild steel vessels for the chemical industry. Longitudinal seams on single shells are welded on a stand (Fig. 1) with rollers (2) on which the shell moves in, a cramp (3) holding a flux and a beam (5) bearing a row of air cylinders (6) which lift the beam (7) with a copper band up to the joint. The welding "tractor" (9) starts work after the edges are aligned. Shells with a finished seam are bevelled at both ends on a specially equipped lathe (Fig. 2), and then their diameter is gauged on a special gauging machine (Fig. 3) with a cone (1), rollers (2) and a spreading ring split into six

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Thin-Wall Vessels Welded Automatically

S/125/60/000/009/011/017
A161/A130

sections. An electric motor with a transmission belt and a spur gear couple rotates a nut (4) in the gear (5), and a screw (6) is turned back and forth spreading or contracting the ring. About 60 mm shell length are gauged with every spreading of the 60 mm wide ring. Next, single shells are tack-welded with each other on a special roller stand (not shown) and moved to another special stand for annular welds (Fig. 4) with a motor (3), a reduction gear (4), a grip (5) transmitting rotation to the work, rollers (6) on which the work rotates, and an automatic welder (9) moving on a frame (8) along the work (7) from joint to joint. The pneumatic backing device of this stand (Fig. 5) is a 6x60 mm copper ring (1) suspended by two rollers on a support (3) that is connected to the piston rod (4) of an air cylinder (5) installed on a carriage (6) held by a rod (7) during welding when the shell rotates. Air with 2-3 atm pressure let into the cylinder lifts the ring (1) and penetrates to the shell. The outer rollers (8) prevent the ring from shifting and slipping off the backing rollers. The air cylinder is connected to the air network by a reduction valve to maintain constant pressure, and a pressure gauge is provided. The welding "tractor" (motorized welder) used is an YT-1250-3 (UT-1250-3), and the welding material is 2.5 - 3 mm Ce -08 (Sv-08)

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Thin-Wall Vessels Welded Automatically

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wire and OCU -45 (OSTs-45) flux. The spherical vessel bottoms are welded to the shells in same way but on a separate stand without a grip for rotation, i.e. the work is rotated on it by the supporting rollers. Flanges are welded to the shells with the use of a backing device mounted on a T-25 (T-25) welding manipulator designed by Institut elektrosvarki im. Ye.O. Patona (Electric Welding Institute im. Ye.O. Paton) (Fig. 6). The radial ribs of the manipulator (2) bear a ring (1) and are inclined to leave space for attaching the backing device (4). The bushing (3) is connected to the output shaft of the manipulator rotating the work. The AEC -1000 (ADS-1000) welder moves on guides on a usual stationary frame. Welding with the described devices is fully automated. There are 6 figures.

ASSOCIATION: Moskovskiy gorodskoy sovnarkhoz (The Moscow City Sovnarkhoz)

SUBMITTED: April 6, 1960

Card 3/6

BELOV, N.N.; BOL'SHAM, Ya.M.; GORDEYEV, A.N.; GRACHEV, V.A.; YERMILOV, A.A.;
ZALESSKIY, A.M.; KIZEVETTER, Ye.N.; KNORRING, G.M.; KONSTANTINOV,
B.A.; KOPYTOV, N.V.; LEVIT, G.O.; MILLER, G.P.; NAYFEL'D, M.P.;
PRINTSNEV, A.A.; SERBINOVSKIY, G.V.; SOKOLOV, B.A.; STASILOYTS, A.B.;
TAYTS, A.A.; KHRAMUSHIN, A.M.

Mikhail Konstantinovich Kharchev; obituary. Belov and others. Prom.
energ. 12 no.12:33 D '57. (MIRA 10:12)
(Kharchev, Mikhail Konstantinovich, 1896-1957)

STASNEVICH, D. S.

Liquid bromine V. I. Ksenzenko and D. S. Stasnevich.
U.S.S.R. 103,540, Aug. 25, 1958. The Br-air mixt. ob-
tained by chlorination of Br salt solus. is passed through a
plate or packed column cooled to -15° by soln. of FeBr_3 and
— FeBr_3 .

M. Hoch

PM

plw

2

SOV/65-58-9-7/16

AUTHORS: Gol'dshteyn, A. L.; Stasinevich, D. S.; Petrova, Ye. N.;
Gladchenko, A. F.

TITLE: Comparing the Effectiveness of Additives which Prevent
the Sedimentation of Lead Deposits in Ethylated Petrols..
(Sravneniye effektivnosti prisadok, predotvrashchayushchikh
vypadeniye svintsovykh osadkov iz etilirovannykh benzinov)

PERIODICAL: Khimiya i Tekhnologiya Topliv i Masel, 1958, Nr 9,
pp 35 - 37, (USSR)

ABSTRACT: Anti-oxidants such as 2,4,5-trialkylphenols and N-substi-
tuted paraminophenols are used predominantly for this
purpose; parahydroxydiphenylamine (N-phenylparaminophenol)
(Ref. 1 and 2) are used in the USSR and N-butylparamino-
phenol and 2,6-di-tert.-4-methylphenol (BLF) in the USA
and other Western countries. The authors compared the
effectiveness of BMF and of parahydroxydiphenylamine as
stabilisers preventing the sedimentation of lead deposits
in ethylated aviation fuels. Their effect as inhibitors
was also tested. Samples of the fuel were heated in
sealed glass ampules over a water bath. The concentrator
of the stabiliser was so adjusted that its concentration
in the fuel = 0.002, 0.004 and 0.008%. Data on the
effectiveness of the investigated stabiliser in various

Card 1/2

SOV/65-58-9-7/16

Comparing the Effectiveness of Additives which Prevent the Sedimentation of Lead Deposits in Ethylated Petrols..

types of fuel is given in Table 1. When small quantities of BMT were added the time of stabilisation increases. Table 2: data on the stability of fuel mixtures containing equal quantities of BMT and parahydroxydiphenylamine. The fuels were mixed in the ratio 1:1. It was concluded that the addition of 0.004% of BMT ensures high stability (time of stability against separation of deposits exceeds 24 hours). At equal concentration, parahydroxydiphenylamine is more efficient than BMT. It was also found that increased activity resulted when the two anti-oxidants were added to the fuel. There are 2 Tables and 7 References: 4 Soviet and 3 English.

1. Fuel additives--Effectiveness
2. Antioxidants--Performance
3. Lead deposits
4. Combustion chambers--Deposits

Card 2/2

STASINEVICH, D.S.

Equilibrium of $2 \text{Br} + \text{Cl}_2 \rightleftharpoons \text{Br}_2 + 2 \text{Cl}$ reaction under the
conditions of Bromine manufacture from natural brines. Zhur. prikl.
khim. v. 31 no.5:701-705 My '58. (MIRA 11:6)
(Bromine) (Chlorine) (Brines)

KSENZENKO, Vladimir Ivanovich; STASINEVICH, Dmitriy Sergeyevich;
URAZOV, Georgiy Grigor'yevich, akademik, red. [deceased];
BABUSHKINA, S.I., red.; SHPAK, Ye.G., tekhn.red.

[Technology of bromine and iodine] Tekhnologiya broma i ioda.
Pod obshchei red. G.G.Urazova. Moskva, Gos.nauchno-tekhn.
izd-vo lit-ry, 1960. 302 p. (MIRA 13:3)
(Bromine) (Iodine)

53700

30648

S/081/61/000/020/073/089
B106/B147

AUTHORS: Stasinevich, D. S., Gol'dshteyn, A. L.

TITLE: Reaction of tetraethyl lead with hydrocarbon halides

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 20, 1961, 320, abstract
20L34 (Tr. po khimii i khim. tekhnol. (Gor'kiy), no. 2, 1960,
209-213)

TEXT: It was established that $Pb(C_2H_5)_4$ reacts with $C_2H_4Br_2$, $C_2H_2Br_4$, and some other hydrocarbon halides, at $75^\circ C$ and an atomic ratio $Pb : halide = 1 : 2$. The ethyl radicals are replaced by halides and, subsequently, triethyl and diethyl lead dihalides are formed. A mechanism explaining the initiation of the process by the oxidation of $Pb(C_2H_5)_4$, and the further course of reaction according to a chain system was proposed.
[Abstracter's note: Complete translation.]

Card 1/1

S/081/62/000/008/025/057
B160/B101

AUTHORS: Zhigach, A. F., Stasinevich, D. S.

TITLE: Methods of synthesizing organo-aluminum compounds

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 8, 1962, 248, abstract
8Zh281 (Sb. "Reaktsii i metody issled. organ. soyedineniy.
book 10. M., Goskhimizdat, 1961, 209 - 374)

TEXT: Survey. 489 references. [Abstracter's note: Complete translation.] ✓

Card 1/1

STASINEVICH, D.S.

Antidetonants produced abroad. Khim.i tekhn.topl.i masel 6
no.9:70-72 S '61. (MIRA 14:10)
(Gasoline--Antiknock and antiknock mixtures)

ZHIGACH, A.F.; STASINEVICH, D.^SS.

Methods of synthesizing aluminum organic compounds. Reakts.org.
soed. 10:209-374 '61. (MIRA 14:10)
(Aluminum organic compounds)

AMROM, L.A.; STASINEVICH, D.S.

Present state and prospects for the development of the production
of bromine, iodine, and their compounds. Zhur.VKHO 7 no.1:47-56
'62. (MIRA 15:3)

(Bromine compounds) (Iodine compounds)

L 16183-65 EWT(m)/EPF(c)/EPR/EWP(j)/T/EWA(h) Pc-4/Pr-4/Ps-4/Peb RPL
ACCESSION NR: AP4045843 WW/RM S/0064/64/000/009/0665/0667

AUTHOR: Antonov, I. S.; Lisitsy*n, V. M.; Stasinevich, D. S.; Tsekhanskiy, Yu. V.; Polyakova, N. Ya.

TITLE: A method of obtaining methylborate

SOURCE: Khimicheskaya promy*shlennost', no. 9, 1964, 665-667

TOPIC TAGS: methylborate, methylborate manufacture, methylborate continuous synthesis, azeotropic mixture, methylborate extraction, mineral oil, methylborate yield

ABSTRACT: A new procedure, applicable to manufacturing conditions, for obtaining methyl borate is described. The arrangement of the equipment is figured. Synthesis is obtained under atmospheric pressure from boiling methanol under continuous addition of a 19-20% boric acid solution in methanol. Separation of the azeotropic mixture starts at 54C; this contains about 75% methylborate. Methylborate is isolated from the azeotropic mixture by extraction with dry mineral oil

Card 1/2

L 16183-65

ACCESSION NR: AP4045843

and evaporated at 200C. Continuous synthesis requires continuous feeding, separation of the azeotropic mixture and addition of warm steam, the latter being regulated automatically upon decrease of pressure in the synthesis column. The production of 1 ton methylborate required 0.62 tons boric acid and 1 ton methanol (theoretical requirements 0.594 and 0.927 tons resp.). Orig. art. has: 3 figures

ASSOCIATION: None

SUBMITTED: 00

ENCL: 00

SUB CODE: GC, MT, IC

NO REF SOV: 000

OTHER: 006

Card2/2

STASINEVICH, D.S.; POLYAKOVA, N.Ya.

System $H_2BO_3 + 3CH_3OH \rightleftharpoons B(OCH_3)_3 + 3H_2O$. Zhur. neorg. khim. 10
no. 9:2170-2174 S '65. (MIRA 18:10)

L 7760-66 EWP(e)/EWT(m)/EPF(c)/EWP(i)/T/EWP(t)/EWP(b)/EWA(c) IJP(c) JB

ACC NR: AP5025863

SOURCE CODE: UR/0020/65/164/004/0809/0811

AUTHOR: Yegorenko, G. A.; Stasinevich, D. S.; Antonov, I. S.

ORG: none

TITLE: Thermal analysis of the sodium borohydride-hydrazine system

SOURCE: AN SSSR. Doklady, v. 164, no. 4, 1965, 809-811

TOPIC TAGS: hydrazine, sodium compound, boron compound, borohydride, hydrazine compound, phase diagram

ABSTRACT: Phase equilibria in the sodium borohydride-hydrazine system were studied in the range from -120 to 80C by the differential-thermal method, at concentrations from 0 to 85.5 wt. % NaBH₄. Both heating and cooling curves were plotted, and the results are shown in

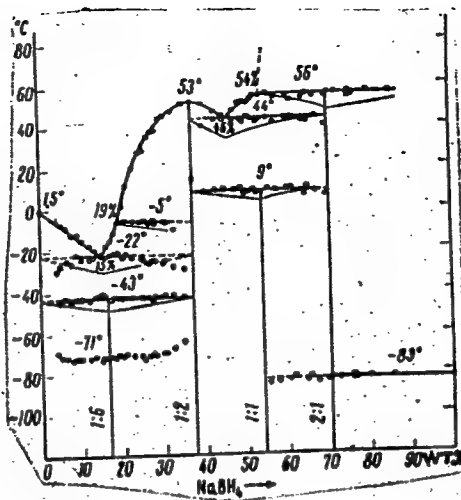
Card 1/3

UDC: 546.271+546.171.5+541.123.2

L 7760-66

ACC NR: AP5025863

Fig. 1.
Phase diagram of the
 $\text{NaBH}_4 - \text{N}_2\text{H}_4$ system



Card 2/3

L 7760-66

ACC NR: AP5025863

Fig. 1. Four compounds were observed: $\text{NaBH}_4 \cdot 2\text{N}_2\text{H}_4$, $2\text{NaBH}_4 \cdot \text{N}_2\text{H}_4$, $\text{NaBH}_4 \cdot \text{N}_2\text{H}_4$, and $\text{NaBH}_4 \cdot 6\text{N}_2\text{H}_4$, and the corresponding thermal effects are discussed. The marked supercooling of mixtures of the system and the exothermic effect on the heating curves lead to the assumption that during cooling, the system as a whole tends toward a nonequilibrium crystallization; for this reason, in plotting the phase diagram, the authors determined the transition points from heating curves instead of cooling curves. The paper was presented by Academician I. I. Chernyayev 24 Mar 65. Orig. art. has: 1 figure.

SUB CODE: IC / SUBM DATE: 19Mar65 / ORIG REF: 004 / OTH REF: 007

nw

Card 3/3

ACC NR: AP6019051

(A)

SOURCE CODE: UR/0078/66/011/002/0415/0419

AUTHOR: Yegorenko, G. A.; Stasinevich, D. S.; Antonov, I. S.

ORG: none

TITLE: Phase diagram of the $\text{NaBH}_4\text{-NH}_3$ system

SOURCE: Zhurnal neorganicheskoy khimii, v. 11, no. 2, 1966, 415-419

TOPIC TAGS: phase diagram, thermal analysis, boron, ammonia, hydride, melting point

ABSTRACT: The present work is a continuation of an earlier investigation of the $\text{NaBH}_4\text{-NH}_3$ system by the author, with the difference that the temperature range in this case is -25.0 to -100°C instead of 25.0 to -49.8°C . An NaBH_4 of 99.5% purity was used. The saturation vapor pressure of desiccated, purified NH_3 at -49.8 and 40.0°C was 310 and 539 mm Hg, respectively. Equilibria of the sodium borohydride -- ammonia system were investigated by the method of differential thermal analysis, and a phase diagram of the system was constructed (Figure 1). The time-temperature and the time-temperature gradient curves were recorded by EPP-09 and PSR-01 automatic potentiometers, especially adapted for this purpose, and by a chromel-copel thermocouple. The hot junctions of the thermocouple were placed in a Dewar vessel filled with melting ice. The standard used was $\text{SiH}(\text{OC}_2\text{H}_5)_3$, which freezes at -170°C . The cooling rate was $1\text{-}2^\circ\text{C}$ per minute. A schematic diagram of the apparatus used to record the cooling curves is given. The amount

Card 1/2

UDC: 541.123.2+546.273'33'11+546.171.1

ACC NR: A16019051

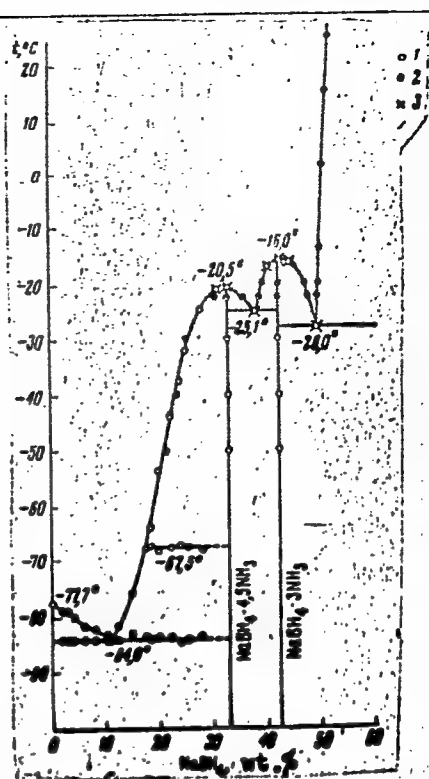
Figure 1. Phase diagram of $\text{NaBH}_4\text{-NH}_3$ system

- o - data of cooling curves
- - tensimetric data
- x - visual polythermic data

of the condensed ammonia was determined using the Mendeleev-Glapeyron equation [not given] from the initial and end pressures of the ammonia in vacuum. The system in question, limited by a field of high concentration of ammonia, is characterized by the formation of $\text{NaBH}_4 \cdot 4.5\text{NH}_3$ with the melting point at -20.5°C , which undergoes a polymorphic transformation at -67.5°C . Orig. art. has: 4 fig. and 1 table.

SUB CODE: 07/ SUBM DATE: 20Jun64/ ORIG REF:

006/ OTH REF: 001



Card 2/2

STASINOWSKI, Witold, mgr inz.

Planning in the fields of engineering in the German
Democratic Republic. Przegl techn no.49:4 9 D '62.

STASINSKI, Tadeusz; STASINSKA, Mirta; BANASZKIEWICZ, Wacław

Effect of paroxysmal tachycardia on serum transaminase activity.
Pol. arch. med. wewn. 35 no. 8:1263-1269 ' 65.

1. Z III Kliniki Chorob Wewnętrznych AM w Poznaniu (Kierownik:
prof. dr. med. K. Wysocki) i z Zakładu Farmakologii AM w
Poznaniu (Kierownik: prof. dr. med. J. Dadlez).

/

STASINSKA-MISIUREWICZ, Janina

Application of irgapyrin in certain diseases of the eye. Klin.
oczn 25 no.2:129-135 1955.

(ANALGESICS, therapeutic use,
irgapyrin in eye dis.)
(EYE, diseases,
ther.,irgapyrin)

STASINSKA-MISIUREWICZ, Janina

Considerations on the application of butazolidin in ophthalmology.. *Klin. oczna* 29 no.4:381-384 '59.

1. Z Przychodni Lekarskiej Izby Rzemieslniczej w Poznaniu
Kierownik: dr Czapiewski.

(PHENYLBUTAZONE ther.)

(EYE DISEASES ther.)

578.11.11
POL.

Catalytic oxidation of indigo carmine with air oxygen.
 Alfons Krause and Benedykt Stasiński (Univ. Poznań, Poland). *Roczniki Chem.* 28, 355-58 (1954) (German summary).—Metallic ions and ion combinations were tested as catalysts in the oxidation of aq. indigo carmine soln. by air at 37°. The ions Na^+ , K^+ , WO_4^{--} , and $[\text{Fe}(\text{CN})_6]^{4-}$ do not catalyze the reaction. Mg^{++} , Ba^{++} , Zn^{++} , Cd^{++} , Cr^{+++} , and $(\text{Mg}^{++} + \text{Pb}^{++})$ catalyze the oxidation; CaCN_2 does not affect the catalysis. NH_4^+ , Co^{++} , $(\text{Mn}^{++} + \text{Pb}^{++})$, $(\text{Co}^{++} + [\text{Fe}(\text{CN})_6]^{4-})$, $(\text{Pb}^{++} + \text{Cr}^{+++} + \text{Mn}^{++})$, $(\text{Mg}^{++} + \text{Pb}^{++} + \text{Mn}^{++})$ are catalysts; their action is promoted by CaCN_2 . Hg^{++} , Cu^{++} , Fe^{+++} , Ni^{++} , $(\text{Mg}^{++} + \text{Mn}^{++})$, $(\text{Cu}^{++} + \text{Fe}^{+++})$, $(\text{Cu}^{++} + \text{Fe}^{+++} + \text{Co}^{++})$, and $(\text{Cu}^{++} + \text{Fe}^{+++} + [\text{Fe}(\text{CN})_6]^{4-})$ are also catalysts, but their action is retarded by CaCN_2 . Complex compds. with radical structure, formed on the surface of CaCN_2 , are thought to be responsible for both the starting and terminating of the reaction chains; thus the action of catalysts is promoted or retarded. M. Folk...

STASINSKI, Tadeusz.

Unusual type of arrhythmia in abnormality of the bicuspid valve. Kardiol.polska 1 no.1-2:106-113 1954.

1. Z III Kliniki Chorob Wewnętrznych AM w Poznaniu. Kierownik:
Kliniki: prof. dr med. F. Lavendzinski.

(MITRALVALVE, disease.
with sino-aortic.block)

(HEART BLOCK,
sino-aortic.block in mitral defect.)

STASINSKI, Tadeusz; WENDER, Mieczyslaw

Cardiovascular system in pneumoencephalography. Neurologia etc.
polska 4 no.6:619-635 Nov-Dec 54.

1. Z III Kliniki Chorob Wewnętrznych Akademii Medycznej w Poznaniu.
Kierownik: prof. dr F.Labendzinski, i z Kliniki Neurologicznej
Akademii Medycznej w Poznaniu. Kierownik: prof. dr A.Dowzenko.

(BRAIN, radiography,

pneumoencephalography, cardiovascular system in)

(CARDIOVASCULAR SYSTEM, physiology,

in pneumoencephalography)

STASINSKI, Tadeusz; TYBORSKI, Henryk

Effect of states of light hypoglycemia on the circulatory system.
Polskie arch. med. wewnetrz. 24 no.2:183-197 1954.

1. Z III Kliniki Chorob Wewnętrznych Akademii Medycznej w Poznaniu.
Kierownik: prof. dr med. F. Labendzinski.

(CARDIOVASCULAR SYSTEM, physiology,

eff. of postinsulin light hypoglycemia)

(INSULIN, effects,

postinsulin light hypoglycemia, reactions of cardiovasc.
system)

(HYPOGLYCEMIA,

eff. on cardiovasc. system of postinsulin light
hypoglycemia)

STASINSKI, Tadeusz

Internistic considerations on congenital and acquired cardiac defects treated by surgery. Kardiologia polska 1 no.3-4:29-34 1955.

1. Z III Klin. Chorob Wewn. AM w Poznaniu Kier Prof. dr. Franciszek Labendzinski.

(CARDIOVASCULAR DEFECTS, CONGENITAL, surgery, results (Pol))

(CARDIOVASCULAR DISEASES, surgery, results (Pol))

STASINSKI, Tadeusz, Dr; WENDRE, Mieczyslaw, Dr.

The influence of encephalography on the system of circulation.
Bull.Soc.amis sc.Poznan, ser. C. no.5:87-100 1955.

1. IIIrd Clinic for Internal Diseases and Neurological Clinic
of the Medical Academy of Poznan.

(BRAIN, radiography,

pneumoencephalography, eff. on cardiovase.system)

(CARDIOVASCULAR SYSTEM, physiology,

eff. of pneumoencephalography)

MOLL, Jan; STASINSKI, Tadeusz

Diagnosis and surgery of pulmonary stenosis. Polski tygod.
lek.10 no.24:787-793 13 June '55.

1.(Z Oddzialu Chirurgii Torakalnej Szpitala Miejskiego w
Poznaniu; Poznaniu; ordynator; dr. med.Jan Moll i z III Kliniki
A.M. w Poznaniu; kierownik: prof. dr F. Labendzinski) Poznan,
Szpital Miejski, Oddz.Chirurgii Torakalnej.
(PULMONARY STENOSIS,
diag. & surg.)

KOWARZYKOWIE, Hugon; KOWARZYKOWIE, Zofia; ROZWADOWSKA-DOWZENKOWA, Maria;
KUBISZ, Tadeusz; SUWALSKI, Witold; STASINSKI, Tadeusz

Comparison of stereocardiographic with spatial vectocardiographic
findings. Polski tygod. lek. 11 no.50:2097-2102 10 Dec 56.

1. (Z Zakladu Patologii Ogolnej i Doswiadczalnej A.M. we
Wroclawiu; kierownik: prof. dr. Hugon Kowarzyk i z III Kliniki
Chorob Wewnetrznych A.M. w Poznaniu; kierownik: prof. dr.
Franciszek Labendzinski) Zakl. Patol. Ogoln. Dosw. Wroclaw,
Marcinkowskiego 1.

(ELECTROCARDIOGRAPHY,
comparison of stereocardiography with vectocardiography
(Pol))

(VECTOCARDIOGRAPHY,
comparison with stereocardiography (Pol))

OLEJNICZAK, Pawel; ROZWADOWSKA-DOWZENKO, Maria; STASINSKI, Tadeusz;
SUWALSKI, Witold

Various problems of vectorcardiographic methods. Polski tygod.lek 13
no.8:266-269 24 Feb 58

1. (Z III Kliniki Chor Wewnetrznych Akademii Medycznej w Poznaniu;
kierownik: prof. dr med. Franciszek Lavendzinski.) Adres autora:
Poznan, ul. Szkolna 8/12 III Klinika Chorob Wewn. A.M.
(VECTORCARDIOGRAPHY,
problems (Pol))

STASINSKI, Tadeusz

Treatment of cardiac infarctions with neuroplegic drugs. Polski
tygod. lek. 13 no.8:274-276 24 Feb 58

1. Z III Kliniki Chorob Wewnętrznych Akademii Medycznej w Poznaniu;
kierownik kliniki: prof. Franciszek Labendzinski.
(MYOCARDIAL INFARCT, ther.
tranquilizing agents (Pol))
(TRANQUILIZING AGENTS, ther. use
myocardial infarct (Pol))

ROZWADOWSKA-DOWZENKO, Maria; JAZIENICKI, Boguslaw; OLEJNICZAK, Pawel,
STASINSKI, Tadeusz

Evaluation of peripheral arteries in essential arterial hypertension
Polskie arch. med. wewn. 28 no.5:744-746 1958.

1. Z III Kliniki Chorob Wewnętrznych A.M. w Poznaniu. Kierownik:
prof. dr med. F. Labendzinski. Adres autora: Poznan, III Klinika
chorob Wewn. A.M., ul. Szkolna 8/12

(HYPERTENSION, physiol.

balistocardiographic determ. of peripheral arterial funct.
(Pol))

(BALLISTOCARDIOGRAPHY, in var. dis.

hypertension, determ. of peripheral arterial funct. (Pol))

OLEJNICZAK, Pawel, JAZIENICKI, Boguslaw, ROZWADOWSKA-DOWZENKO, Maria
STASINSKI, Tadeusz

Status of blood vessels in diabetes based on ballistocardiographic tests.
Polskie arch. med. wewn. 28 no.5:746-748 1958.

1. Z III Kliniki Chorob Wewnętrznych A.M. w Poznaniu. Kierownik:
prof. dr med. Labudzinski. Adres autora: Poznan, III Klinika Chorob
Wewn. A.M., ul. Szkolna 8/12.

(DIABETES MELLITUS, physiol.
ballistocardiography (Pol))
(BALISTOCRADIOGRAPHY, in var dis.
diabetes mellitus (Pol))

STASINSKI, Tadeusz; JAZIENICKI, Boguslaw; CHODERA, Alfons

Experimental studies on the effect of certain drugs on blood
supply and function of the myocardium. Postepy hig. med. dosw.

13 no.3:335-342 1959.

(HEART, pharmacol.)

STASINSKI, Tadeusz

Post-commissurotomy syndrome. Polski tygod. lek. 14 no.41:1817-1820
12 Oct 59.

1. (Z III Kliniki Chorob Wewnętrznych A. M. w Poznaniu; kierownik:
prof. dr Franciszek Labendzinski)
(COMMISSUROTOMY, compl.)

EXCERPTA MEDICA Sec 18 Vol 4/1 Cardiovas. Dis. Jan. 60

319. Clinical observations of cases after commissurotomy of the bicuspid valve
 Obserwacje kliniczne przypadków po komisurotomii zastawki dwudzielnej. STANISŁAW
 T. Pozn. Towarzy. Przyjac. Nauk, Wyd. lek. 1959, 162 (58 pages) Graphs 11 Tables 5

The paper contains descriptions of clinical pictures before and after commissurotomy as well as of changes in the ECG curve seen during operations on 70 patients with mitral stenosis. Postoperative observation ranged from several months to 3 yr. and 8 months. Shortening of the distance between the Q wave in the ECG and the first sound in the phonocardiogram, and elongation of the interval between the second sound and the opening snap of the bicuspid valve as well as prolongation of the mechanical systole in relation to electrical systole of the heart—these are objective proofs of improved haemodynamic conditions in the operated patients. In the majority of cases there occur after the operation ECG changes which result from an inflammatory state of the heart muscle and sub-epicardial injuries. These changes disappear usually within 3 months although they may sometimes persist for a longer period of time. The occurrence of 'postcommissurotomy syndrome' has no effect on the ultimate operational result. The disappearance of diastolic murmurs after successful commissurotomy is not frequent. The persistence of diastolic murmurs does not constitute evidence of an unsatisfactory result. The paper contains documentary evidence in the form of characteristic pictures of synchronous ECG and phonocardiographic curves before and after operation as well as of tables presenting the most important changes found in the examined persons. The best surgical results were obtained in patients with cardiac sufficiency and attacks of dyspnoea but without changes of the heart muscle in the electrocardiogram and roentgenograms. One should regard as a relative indication for operation in which the prognosis is doubtful recurrent pulmonary oedemas in patients with advanced symptoms of circulatory insufficiency and considerable changes in the ECG curve. (XVIII, 6, 9)

STASINSKI, Tadeusz; WENDER, Mieczyslaw

The circulatory system in multiple sclerosis. Meur. &c polska
10 no.3:337-346 My-Je '60.

1. Z III Kliniki Chorob Wewnetrznych A.M. w Poznaniu. Kierownik:
prof. dr F.Labendzinski oraz z Kliniki Neurologicznej A.M. w
Poznaniu. Kierownik: prof. dr A.Dowzenko.
(MULTIPLE SCLEROSIS diag)
(ELECTROCARDIOGRAPHY)
(BALLISTOCARDIOGRAPHY)